

Power connector unit

3405

- Slimline housing of 6 mm
- Supplies DIN rail from supply terminals
- Can pass up to 2.5 A
- Up to 100 units can be powered



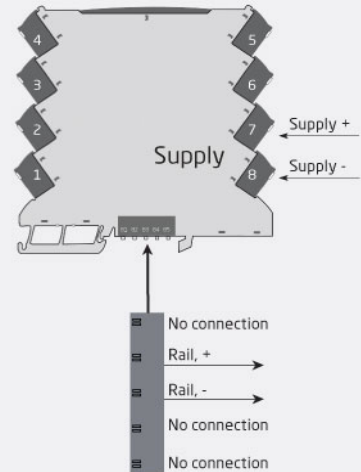
Applications

- Power can be connected to the DIN rail from supply terminals.
- Alternatively a powered DIN rail can supply power to the terminals.
- Installation in ATEX Ex zone 2 / IECEx zone 2 / FM division 2.
- Suitable for environments with high vibration stress, e.g. ships.

Technical characteristics

- 3405 can pass up to 2.5 A
- With 3405, up to 115 units can be powered (85 units for 3111, 3112 & 3113).

Applications



Order:

| |
|------|
| Type |
| 3405 |

Environmental Conditions

| | |
|----------------------------|----------------------|
| Operating temperature..... | -25°C to +70°C |
| Relative humidity..... | < 95% RH (non-cond.) |
| Protection degree..... | IP20 |

Mechanical specifications

| | |
|----------------------------|--|
| Dimensions (HxWxD)..... | 113 x 6.1 x 115 mm |
| Weight approx..... | 65 g |
| DIN rail type..... | DIN EN 60715/35 mm |
| Wire size..... | 0.13 x 2.5 mm ² stranded wire |
| Screw terminal torque..... | 0.5 Nm |
| Vibration..... | IEC 60068-2-6 |
| 2...25 Hz..... | ±1.6 mm |
| 25...100 Hz..... | ±4 g |

Common specifications

Supply

| | |
|---------------------------------|-----------------|
| Supply voltage..... | 16.8...31.2 VDC |
| Internal power dissipation..... | 0.25 W (max.) |
| Required external fuse..... | 2.5 A |

I.S. / Ex marking

| | |
|-------------|---|
| ATEX..... | II 3 G Ex nA IIC T4 Gc |
| IECEX..... | Ex nA IIC T4 Gc |
| FM, US..... | Cl. I, Div. 2, Gp. A, B, C, D T4 or Cl. I, Zone 2, AEx nA IIC T4 |
| FM, CA..... | Cl. I, Div. 2, Gp. A, B, C, D T4 or Cl. I, Zone 2, Ex nA IIC T4 |

Observed authority requirements

| | |
|----------|------------|
| EMC..... | 2014/30/EU |
| LVD..... | 2014/35/EU |

Approvals

| | |
|----------------------------|------------------------------|
| ATEX 2014/34/EU..... | KEMA 10ATEX0147 X |
| IECEX..... | KEM 10.0068X |
| FM..... | FM17US0004X / FM17CA0003X |
| UL..... | UL 61010-1 |
| DNV-GL Marine..... | Stand. f. Certific. No. 2.4 |
| EAC Ex TR-CU 012/2011..... | RU C-DK.GB08.V.00410 |